NORTHERN SAN DIEGO COUNTY

W6NWG

# Scope

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THE PALOMAR AMATEUR RADIO CLUB, INC.
POST OFFICE BOX 1603
VISTA, CALIFORNIA 92083-0530

JULY, 1983

PRESIDENT:
VICE PRESIDENT: Ed Ross, N6GZI, San Diego
SECRETARY: Billy McCord, WB6TBQ, Vista
TREA$URER: John Tentor, W6OLQ, San Diego
EDITOR: Ralph Crossman, K6HAV, Vista
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## BOB CLARK, N6DYO, SILENT KEY

On Sunday evening, June 5th, Bob Clark, N6DYO, became a silent key after having suffered a cerebral hemorrhage the night before. He will be greatly missed by his fellow amateurs and by the Palomar Amateur Radio Club which he so ably led during his half year in office as President. Bob was instrumental in the Club's purchase of its repeater site on Mount Palomar, although he did not live to see the completion of that purchase. An Air Force retiree who had undergone a series of cardio operations, Bob, nevertheless, gave unstintingly of himself to the Club, his family and friends. He had helped provide communications for the Encinitas Flower Festival on Saturday morning before he suffered his stroke. Bob will be remembered as an able leader and one of the best presidents the Club ever had. His passing shocked and saddened all who knew him.
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## ESCROW ON REPEATER SITE CLOSES - IT'S OURS, AT LAST!

On Friday, June 10th, the escrow on our repeater site closed with the recordation of the deed for the site in the name of the Palomar Amateur Radio Club, Inc. It's ours, complete with 240 easy payments. Now, the Club is no longer a tenant, but the owner of its own site.

While Bob Clark, N6DYO, did not live to see it, he did know that it would close. He certainly did his part to make it all come together.

Having been involved in the search for a repeater site from the beginning, there is a great deal of personal satisfaction in the completion of this transaction, and in the feeling that we no longer have to worry about being evicted because our landlord has RFI; or about having our rent raised. Happy day!

## MEMBERSHIP

Membership in the Palomar Amateur Radio Club is $12 a year with no initiation fee, and includes a whole spine-tingling year of SCOPE - like it or not. Since the Club's fiscal year starts in August, and all memberships end in July, we'd all better get withit and reenlist so we won't miss the August issue of SCOPE (Once a month does it - fortunately!). Family memberships are $12 for the first family member and $9.50 for each subsequent family member living at the same address. Weird folks who actually WANT to get the SCOPE without benefit of club membership may do so by springing for a whole year of it for $2.50 - more, a whole lot more, if you have to have it in plain brown wrapper.

Make checks payable to the PALOMAR AMATEUR RADIO CLUB, INC., and get them to our Trea$urer at the address above, or hand them to him. Each attendance gets you a ticket for the picnic prize drawing. DON'T FORGET, UNLESS YOU HAVE ALREADY REENLISTED, YOUR MEMBERSHIP EXPIRES THIS MONTH. DO IT!

## JULY CLUB MEETING

The July meeting of the Palomar Amateur Radio Club will, without fail, probably take place in the Community Room of Glendale Federal Savings and Loan at the corner of Anza, Vale Terrace, and East Vista Way in Vista at 7:30 of the evening on the sixth (of July - with any luck at all).

The program for the evening will be presented by Stan Brokl, N2YQ, of the Jet Propulsion Laboratory Amateur Radio Club and Section Manager of the Los Angeles Section. He will show us some of JPL's best pictures from the Voyager missions to Jupiter and Saturn. Stan Brokl's presentations are highly spoken of and should be very interesting to all. The fourth award of the Club's scholarship will be made at this meeting.

Show and tell will feature a TRS-80 III, which will be programmed with the MINIMUF program appearing in December '82 QST. The computer will be available for members' use before the meeting and during intermission.

MINIMUF will calculate the maximum useable frequency (MUF) between any two locations on earth. You need to input the date, both latitudes and longitudes, and the solar flux number, broadcast 18 minutes after the hour by WWV. MINIMUF is easily converted to the Timex/Sinclair, Vic 20, Pet, and many other computers. If you would like a copy of the TRS-80 program, bring a S.A.S.E. to the meeting.

## JUNE CLUB MEETING

At our June meeting, Paul, WA6OLI, showed us some very good video tape of the Club's 1983 Field Day site, and told of the Club's plans for its Field Day operations. Stan, W9FQN, gave a very interesting talk on the Timex/Sinclair computer. There was an excellent display of Timex/Sinclair goodies during the Show-and-Tell portion of the meeting. So good, in fact, that Alex, WB6TQF, who had brought a Timex to the meeting, sold it before things really got under way. During the business portion of the meeting, N6DYO told us that the escrow on the repeater site still had not closed, awaiting the transfer of the water share on the property, but that the transfer had been approved and the escrow should close in a week or so.

Bob, N6DYO, announced that since not enough PARC members had volunteered to support the Encinitas Flower Festival, five members of the Convair ARC had to be called on. This is rather strange since some PARC members were relegated to supernumerary status, their services not being needed. PARC members helping out totaled 27, or about 10% of the Club's membership.

Thanks to Ilean Clark who sold a big $38 worth of tickets for the prize drawing. Sure wish more folks would support the Club by buying a few.

## EXECUTIVE COMMITTEE MEETING

The Club's Executive Committee, without fail, usually meets on the second Thursday of the month at 7:30 of the post meridian at Carrow's Restaurant on South Santa Fe near the corner of Escondido/Sunset across from Von's in Weestful Veesta. Club members are welcome to observe - quietly, and with the reserve for which we amateurs are noted.

At the June meeting, with a deep sense of loss for our President, Bob, N6DYO, and with Ed, N6GZI, presiding, the Executive Committee proceeded with club business: 1. A motion was made, seconded, and passed that Vice President N6GZI assume the duties of President, PARC. 2. Club banner presented. Special thanks to N6IE, K6NS, and N6AT for locating the banner. 3. The need for a club quartermaster to keep track of all club equipment was discussed. 4. Moved, seconded and passed that the Club scholarship be changed from the William J. Gilmour Scholarship Fund to the Palomar Amateur Radio Club, Inc. Scholarship Fund in order to have the name of the scholarship more closely connected with the PARC. 5. In view of the Club's landlord status, a review is to be conducted of the Club's liability insurance. 6. The rents charged to tenants of the repeater site were considered.

A grand time was had by all.

## FULL COURT PREZZ

There has been some question of the status of the YL Net, which meets on W6NWG/R on Tuesday mornings at 9:00. With the full backing of the Executive Committee, I wish to state that the net is not only sanctioned, but is encouraged. All YL club members, guests, and visitors are invited to check in to this unique net, by and for YL amateur radio operators. Emily, WA6ZKC, is Net Manager and NCS. She sets a fine example for all.

Well done. Carry on, ladies.

73 de N6GZI

## CLUB-OWNED EQUIPMENT ROUND-UP

Are you storing any gear for the Club? How about coffee pots, large G.I. cannibal pots, parachutes, band pass filters (Harmonikers), or the like. The Club would like to know about it since it's always a problem to remember who in the blue-eyed-world is providing storage when the gear is needed for Field Day or picnic or whatever. Get the word to Jim Church, K6SLA, if you are storing any of the Club's gear. Jim's agreed to keep track of its location.

## FOURTH AWARD OF THE PALOMAR AMATEUR RADIO CLUB SCHOLARSHIP

The fourth recipient of the Club's scholarship is Mr. Thuan Tran, of Escondido, an electrical engineering student at Palomar College. The $200 scholarship will be awarded at the July club meeting.

## LES CLARK, W6JSL, SILENT KEY

Les Clark, W6JSL, became a silent key on Sunday night, May 22 in the VA Hospital in La Jolla. Les was a long-time member of the PARC, and helped in the incorporation of the Club. He served on the Bill Gilmour Scholarship Committee, and was a retired Marine, nearly totally incapacitated from polio. He had schooled himself in digital electronics and became successful in the design and manufacture of small digital devices despite his infirmities. His passing saddened all who knew him.

## PARC PARTICIPATION IN ARRL FIELD DAY

At this writing, it appeared that our Field Chairman, Paul, WA6OLI, was finally getting a goodly response to his requests for folks to participate in the Club's ARRL Field Day contest. Continued next month - with any luck at all.

## ANNUAL CLUB PICNIC ON AUGUST 14

The Annual PALOMAR AMATEUR RADIO CLUB Picnic will be held on Sunday, August 14th in San Dieguito Park, which is east of I-5 on Lomas Santa Fe Drive in Lomas Santa Fe. The Club will spend up to $500 on prizes which will go to the lucky ticket holders. Tickets are based on participation in Club events (including one for joining or reenlisting), and cannot be purchased.

Hooray, Hooray, Emily, WA6ZKC, says that we will go back to a pot luck dinner at this year's picnic. Folks with a last name beginning with letters A-H will bring a casserole or meat dish; those beginning I-P should bring a salad; and those Q-Z bring dessert. Non-cooks should stop by the Colonel's or Shakey's or some such. Each dish should be enough to serve eight folks.

The Club will provide coffee, punch, eating hardware, napkins, plates and cups - you just bring your appetite and your assigned dish. If you want anything other than punch or coffee, B.Y.O.

Emily says that she's trying to arrange for entertainment for us too! Remember, save 14 Aug for peekneek. CU there. Sure would be nice to win a prize for a change - haven't won one since 1981!

## COMPUTER CORNER

de W9FQN

Skip, K6BPT, has ordered the NU4V split screen CW program and circuit board for the Sinclair/Timex computer.

QZX, published monthly, is a journal covering amateur radio items for the ZX-80, ZX-81, and TS-1000 computers (Sinclair/Times). Write to: QZX, 2025 O'Donnell Dr., Las Cruces, NM 88001.

Most of the folks who signed up at the last meeting indicated their main interest is in RTTY. Signing in were: Sinclair/Timex N6GSS, K6BPT, KF6C, KA6DVN, N0AL, and W9FQN; VIC-20, W6JSP, WB6TBQ, N6IE, WA6ZKC, WA6ZKD, KF6BL, WB6ZJZ, K6HAV, WA6KZN, WA6HQM (the last three didn't sign in but are known to be interested in the VIC-20); TI-994/A, WB6NIG; H89, N6ELP and K6AZF.

WA6KZN, W6JSP, K6HAV, WA6HQM have ordered or already have the interface between the VIC-20 and their radios for CW, RTTY, and ASCII send and receive. Dave, WA6HQM, is waiting for someone to talk to, and Bob, WA6KZN, has been heard on 450 mHz and on 75M with RTTY.

The May-June RTTY Journal has a VIC-20 oriented ad in it. A S.A.S.E. to Amateur Accessories, 6 Harvest Ct., RD 7, Dept R, Flemington, NJ 08822 will get you info on the ham-related software, kits, and schematics. Or you can phone: 201-782-1551.

## REPEATERS

The Palomar Amateur Radio Club owns and operates two repeaters, both of them W6NWG, on Mount Palomar at about 5,600'. One is a two meter FM repeater with an input of 146.130 mHz, and an output of 146.730 mHz. The other is a 450 mHz machine with an input frequency of 444.425 mHz and an output of 449.425 mHz. They are for club members and occasional and transient users.

Co-located with W6NWG on Mount Palomar is WD6HFR, an open repeater of the 220 Club of San Diego for the use of its members and transient and occasional users. The frequencies are 223.300 mHz in and 224.900 mHz out.

Steve Cilurzo, KA6YBC, of Carlsbad, Chief Engineer of radio station KUDE, has an open repeater on the San Marcos Mountains. He invites one and all to use it. Its input is 223.080 mHz and its output is on 224.680 mHz.

## COLLEGE CREDITS FOR UPGRADING

See the Stray on page 64 of the June, 1983 QST.

## IF YOU CAN'T SELL IT, GIVE IT TO THE PARC

If you'd rather give it to the Club than drive all the way to Santee or Redondo Beach, give Brian, KF6BL, a call and ask him to stop by and pick up your surplus KWM-380 or 100' crank-up tower for the Club. He'll not turn it down (no SCR-522s need apply), although we do reserve the right to serve refuse to anyone regardless of race, color, sex, or creed, and the CLU be darned. Anyway, the Club will enrich its coffers while you clean out your shack or garage. DO IT!

Thanks to Bill, K6GJD; Felix, N6IE; and Woody, W6QWH, for their donation of equipment to the Club. Every little bit helps. Now, if we can just get Brian, KF6BL, up and running and going back to the flea markets to sell all of this donated equipment.

## FLEA MARKETS

Electronic-oriented flea marts in operation are the ones in San Diego at the Santee Drive-In Theater at Highway 67 and Mission Gorge Road at 0700 on the first Saturday of the month; and the TRW ARC flea mart at the corner of Compton and Aviation Boulevard in Manhattan Beach on the last Saturday of the month, from 0800 to 1100. In June, because of Field Day, the TRW flea mart is on the preceding Saturday. TRW talk-in on 145.32 mHz simplex.

## NORTH COUNTY TRAFFIC NET

The Club's North County Traffic Net meets on W6NWG nightly at 2000 local to handle written traffic. No net on club meeting night. If you wish to be added to the roll of a particular net, make your request to that net's NCS. Our net manager is Joe, WB6HMY. Joe says that he needs more volunteers for NCS, SCNV Liaison Stations, and Net Manager. Additional stations in areas of the county not presently covered would also be most welcome.

## BADGES

The previously described John Tentor will be glad to take your $$$$ at the meeting so that he can get you an OFFICIAL Palomar Amateur Radio Club badge. They won't be from the Cheapy Badge Company though, since John has dumped them for a much better and cheeeper deal. It'll save you $$$ too. If you have some idea of who in the ever-loving blue-eyed world you are, let John know and he can order your badge with your very own name and call sign on it, just like the Big Guys have. John will jump for joy and leap with alacrity to get YOUR money into the banque.

John still has badges anxiously awaiting their owners, who are: WD6ATX, K6BPT, WD6CLG, N6DRX, WD6ENI, WB6GXP, NE6K, KA6MLY, KA6MWU, K4NLM, and W6ZYT. If you're not really sure of yourself but would still like a badge, John just might let these go at veery rea$onable price$.

## FORESAIL

(What a bunch of Jib erish)

There is NO charge for personal ads of Club members in SCOPE. Send ads to SCOPE, 3716 Bluebird Canyon Rd., Vista, CA 92083. Scope deadline is two weeks before the first Wednesday of the month. Subscription correspondence and anything else for the Club goes to P.O. Box 1603, please!!

All 2M FM: Swan FM-2X xcvr w/AC pwr supply and lots of xtals, $50. ICom IC-230 xcvr w/Heathkit HWA-202-1 AC supply, $100. ICom IC-21 base station xcvr w/lots of xtals, $75. All with manuals, connecting cables, mobile mounts. Call Ralph, K6HAV, at 727-5866.

Atlas 210X Limited Edition w/AC pwr supply, AFC unit, DD-6 digital dial, and mobile cable. Digicom 100 CB xcvr converted to 10M, Marko 100W 10M mobile amplifier, HyGain 10M mobile antenna, and 2M Ringo. Some ridiculous offers will not be considered. Call Emily, WA6ZKC, at 756-3320. 7/83

Yaesu FT 207R HT w/TT pad, charger, Drake AA-10 10W amp, mag mount mobile antenna, $175. ICom IC-230 2M FM xcvr w/Heath HA202 40W amp, mag mount mobile antenna, $115. ICom IC-230 w/DyCom 40W amp, mag mount antenna, $115. Wilson MkII HT w/spkr-mike, wall charger (for use on un-charged walls), $55. Tempo FMH HT w/wall charger (ditto), $55. All items to be sold as sets, as listed. Call Burr, WA6VYD, at 757-6070. 7/83

Complete working computer system: SWTPC 6800 running at 2 mHz w/40k static memory, 1 serial and 2 parallel ports; 16 channel A/D converter; dual mini floppy drives; 16 X 64 CRT terminal. Software includes: OS, editor, assembler, text processor, Random BASIC, small data base manager, and games. Can be used for electronic RTTY and CW. $500. Call Bob, K7WLX, at 729-5519 (HP) or 714-493-8181 (WP). 7/83

IRL-1000 T.V., $325. Tempo VHF One, make offer. Call Dee, N6ELP, at 753-5647. 7/83

Kenwood TS-820 xcvr w/remote VFO, CW filter, and built-in AC and DC supplies, recently factory checked, $575 or make offer. Call Joe, WA6VNR, at 278-2752, and leave message on the machine. 7/83

Collins 75A-4 rx w/800 Hz and 2.1 kHz filters, Swan 600T tx w/D104 mike. Call Britt, W6PEU, at 728-4540. 7/83

Collins 30L-1 linear amp w/near new 811As, $500; Collins KWM2A xcvr r/e w/rejection tuning, $675; Collins VFO console 312B-5 r/e new, $375; Collins KWM2 xcvr w/e w/516 F-2 a.c. pwr supply w/spkr, $475; rare Collins SM-3 desk mike, $65; D-104 dynamic desk mike w/Collins plug, $35; Kenwood antenna tuner AT-130 $85, Kenwood mike MC-50 $30, Bearcat 250 scanner near new w/manual, $165. 10-20M Mini-quad, assembled. Come and get it, $50. Call Allen Willett, N7AMR, the mystery seller of last month, at 433-8881. 7/83

Tri-Ex 25' free-standing crank-up tower, never used, $300 or haggle. Call Steve, WA2NNT, at 729-7318. 6/83

FREE: RAK rx, covers 15 kHz-600 kHz; RAL rx, covers 300 kHz-23 mHz. Western Union teleprinter. Call Art, W6EVL, 728-1717. 5/83

Wangco 10M byte top-loading 14" RK05 Q-bus hard disc drive w/controller for DEC PDP-11, presently in operation. Call Phil, K6ROR, at 724-0098. 5/83

Sanyo VM 4509 video monitor, $150. Call Bob, WB6TKU, at 741-1541. 5/83

Cushcraft 11 elm 2M beam w/balun, complete Hallicrafters station with HT-44 tx, SX-117 rx and PS-150-120 pwr supply & spkr w/extra tubes and mik. Call Ed, N6GZI, at 270-1697. 5/83

Wanna buy the farm? 10M 3 el Hi Gain w/balun, 70' coax, TV type rotator, 35' mast ready to put up, $50; 15M 3 el Hi Gain, $30; 20M 3 el Hi Gain, $25. Have gone quad. Call Al, W6NBH, at 741-1320 any time. 5/83

ICom 215 2M FM portable xcvr w/built-in telescoping antenna and rechargeable batteries or 12vdc operation. Includes 15 xtals for local freqs, and rubber duck antenna, cigerette lighter adapter, shoulder strap, battery charger and A.C. base supply. With manual. Some unreasonable offers refused. Call Al, N6GNB, at 741-1840. 5/83

Drake all band rx SSR-1, cost $350, like new, $185. Call Jack, W6QP, at 724-3341. 3/83

Collins 32S-3 w/DX Eng. Processor, 516F2 pwr supply, $495; 75S3-B w/500 Hz filter, $475; or $895 for the two; 200 Hz filter, $100. Call Herb, W6FET, at 728-8615. 3/83

Heath HW-100 HF xcvr & pwr supply. Electrovoice 638 dynamic Hi-Z mike with PTT. Hallicrafters HA-1 TO keyer. Call Harry, W6TCI, at 724-3471. 4/83

Atlas 210X, console, power supply, and mobile mount, $300 firm. Yaesu 207R H.T. w/mike-spkr, 2 batteries, 2 antennae, 2 a.c. chargers, and d.c. holder, $225. Call Jack, WA6CWG, at 747-7157. 6/83

KLM KT34XA 6-elm tri-band beam. Call Dick, W6MUO, at 724-0323. 6/83

Beautiful Weston panel meter, 0-7.5 amps AC w/internal shunt; 3 3/8" diameter, requiring 2 3/4" hole. Call Sandy, K6HE, at 745-6940. 7/83

## WANTED
(Chloooooooe!)

50' or higher free-standing or side-support crank-up tower. Call Steve, WA2NNT, at 729-7318.

220 linear amplifier or equivalent, 50 lbs or less. Sell or trade Drake SPR 4 solid-state receiver wiith all the bells and whistles, Robot 800 w/manuals. Call Will, W2FWV, at 436-3277.

## LICENSE EXPIRATIONS

7/83: W6IPP. 8/83: K6QCW, WA6KZN, W6TFB, and WA6AIM. 9/83: WB6VYC, WA6VYD, and WD6DNP. Y'all get hot and send your 610s to those deregulators, 'cause they're not THAT deregulated!

## ARRL ENLISTMENTS AND REENLISTMENTS

When you enlist or reenlist in the ARRL, do so via the PARC, and the club will get $2.00 which would otherwise go to sweeten the pot in Gnu-ington (CT 06111, that is), and it won't cost you even an additional red centime or peseta. The ARRL tab is $25 per year, two years for $49, or three years for $72. Make checks payable to the Palomar Amateur Radio Club, Inc. and get them to John, W6OLQ, at the Club's P.O. Box address or in person at club meetings.

## ENCINITAS FLOWER FESTIVAL

Some of the club members who helped provide communications for the Encinitas Flower Festival were: WD6BEZ, N6BLQ, N6DYO, N6ELP, N6ENI, WD6ENK, KA6FPS, W9FQN, KD6FY, K6GJD, N6GZI, K6HAV, WB6HMY, WB6HSZ, WA6HQM, N6INN, WB6IQS, WA6JCK, WA2NNT, W6OKG, WA6QQQ, W6SE, WB6TBO, KA6VMK, KA6YBC,

WA6ZKC, KB6ZO, and Ilean Clark. WA6QQQ was overall communications coordinator.

## DEL MAR FAIR

Club members who helped with the SANDARC booth at the Fair were: KF6BL, N6ELP, WD6ENK, W6EYP, WD6FWE, W2FWV, N6GNB, N6GZI, N6GSS, N6GWJ, K6HAV, WB6HMY, N6HVE, N6HVF, WB6IQS, WA6KZN, WB6LEH, WA6NNC, K6NS, and W6VQU. KF6BL was coordinator. It was very helpful to have Bill, N6FMK, as the fair's Security Officer, and Earl, K6CLU, as one of the security force. Brian, KF6BL, was particularly interested since it became necessary to un-impound Brian's car. This was done at a $40 saving to Brian. We appreciate Marty's antenna work and all the time he spent at it despite a game leg - even though it took some industrial strength nagging before it got done.

## MOTOR GENERATOR SET DONATED TO CLUB BY PACIFIC TELEPHONE

In response to a letter by President Bob Clark, N6DYO, the Club has been informed that a surplus 3.5 KW motor generator set is very generously being donated to the Club by PACIFIC TELEPHONE. This handsome donation by Pacific Telephone will give the Club the means to establish the emergency communications teams that Bob, N6DYO, spoke of at his last club meeting.

Our heartfelt thanks to Pacific Telephone.

## THE LATEST STRAIGHTEST FROM THE FCC

(One can hardly doubt)

The Commission has eliminated routine station log requirements for the Amateur Radio Service, doing away with the necessity for amateurs, including repeater trustees, to maintain a log of third party traffic.

The Commission has done away with the requirement for CW or phone I.D. on RTTY or fast scan TV.

The FCC has also asked for comments on its proposal to make additional frequencies available on the 10M band for repeater operation. The Commission is interested in receiving information on the need for repeater subband expansion, its impact on existing and future repeater and non-repeater operation and whether that impact would be acceptable to the Amateur community. The PR Docket number is 83-485.

The FCC has proposed, in PR Docket 83-524, that additional frequencies be made available to RACES in wartime.

In another action, the Commission has streamlined Amateur Radio Service rules to permit Interim Amateur Permits to be renewed; to permit photocopies of licenses to accompany renewal applications; to clarify some inconsistencies in the use of AMTOR; and to specify in the rules the requirement of the Communications Act that the Commission has the authority to inspect all radio installations subject to the provisions of any Act, treaty or convention binding on the U.S.

Thanks to June Butler of the San Diego Field Office for the foregoing.

## LATE STUFF FROM THE ARRL LETTER

(Get it while it's hot)

The FCC and the ARRL will work together on a project to test and evaluate RFI filters being sold to consumers. The filters will be tested at the FCC lab with the assistance of the League's Technical Department. The results will be published, as a member service, by ARRL.

## PARC POLICY FOR JAMMERS ON THE REPEATER

Pay attention, this time, willya!

We hope that this time you will read the Club's policy, remember it, and act accordingly when we have crazies on the repeater. School is out and more than the usual number of nuts is on the loose.

The Club's long-standing and oft-stated policy is to IGNORE JAMMERS. Letting the jammer know he is being heard gives him the attention he so desperately seeks. If you're not sure whether or not you or someone else is being jammed, don't mention it. If you miss part of the QSO, continue the contact as if nothing was happening. We have folks who are anxious to help us find the crazies, but only if WE don't talk about it on any frequency. If you have information to pass concerning hearing the crazy on the input, pass it over the phone, not on 2M, 220, or 450.

At the same time that we ignore the crazies, listen on the input (it's 146.130 mHz), even if you don't have a directional antenna, and see if you can hear the interfering signal. Note the date, time, signal strength, any characteristics, and direction of the signal (if you have a beam). Dates and times are important to help establish a pattern to their activities.

Just remember: 1. Ignore them. 2. Try and locate them. 3. Remember that non-club members won't have had the chance to read this sterling prose

and may not know about the Club's policy regarding the loonies, so you may have to let them know about it - tactfully.

## SICK CALL

Bob, NC6J, suffered a heart attack and underwent by-pass surgery, from which he is home and recovering, according to what we hear.

Dora, KF6TF, spent several days in the hospital after what was diagnosed as a stroke. She is back home, but her operating is limited by doctor's orders.

Guy, KB6AI, is another who's been under the weather.

Edith, K6AYJ, reports that Vendy Johnson, W6CWK, has been very ill and in the hospital, but is doing better now.

Marty, K6NS, is also among the ailing with a problem leg which his medicos haven't been able to diagnose. He's tried a chiropractor, and is now off to an accupunctor. Good luck in the contest, Marty.

John, K6QCW, spent a couple of nights in the hospital for some diagnostic looksee.

## DOWN THE TOOBE

Congratulations to Ed, N6GZI, and to Paul, WA6OLI, who took and passed the Advanced Class examination in San Diego on 8 June; and to Bill, N6GSS, who took and passed the Advanced Class exam at Long Beach on 15 June.

Beverly Vanderwood, N7CPV, from Boise, ID, flew down to spend a week with Dora, KF6TF. Many of us had the chance to meet this very nice, legally blind lady on W6NWG/R or in person at Dora's.

The North County YLs met on 6/18 at the home of Emily and Stan, WA6ZKC and WA6ZKD. A grand time was had by all, including the OMs.

Verl Thornesberry, WB6EOT, and his XYL, Mary, laid a visitation on North County as this was being typed. Don't know how they could leave all that livestock alone there in downtown Omaha, AR. Good to hear you, Verl.

Folks brash enough to want to confront Bill, W6NAT, can catch him on 3930 Sat-Mon and Thu starting at 2030 local. Bill says everything's fine in downtown Ft. Dick, and says HI to all the gang.

Former club member Bud Lundy, who used to be W6YCP, shoulda stayed a club member since the Gint Computer would have told him his license needed renewing. He waited a day too long and now is KD6MS!

In the continuing saga of Pat Crossman, N6INN, she sashayed forth to the FCC in Long Beach on the 15th of June and took and passed the Advanced and Extra Class examinations - less than two months after her first license was issued on April 22nd. Pat started studying the Heathkit General Class licensing course on January 26, just 140 days before her final bout with the FCC. Wouldn't have been bad time for an engineer, let alone a paralegal! Congratulations, Patricia.

It was interesting to hear Don Ward, KB6KJ, who used to be WB6IQM when he lived in Oceanside, back in the area for a visit. Don was a club member and was active on RTTY.

Also back in the area for a visit have been Cy and Doris Huvar, W6GBF and WA6HXB. They now live in Alturas, and were down visiting family in Ramona. Cy was our SCM.

Another visitor to the area was Jack, former KH6HHL, who is now KD6PX, who used to be a club member. Jack's now living in Hemet.

Frank, WB6HFE, reports that former club member Carl Vidnic, W6WRM, became a silent key on June 11th at the VA Hospital in Seattle.

Floyd, W6JSP, reports that Clint Wells, W6SCP, of San Marcos has become a silent key. My memory tells me that Clint was a club member at one time.

Condolences to Allen Willett, N7AMR, who lost his XYL, Margaret, on Sunday, June 19th.

Leona Wallace, WA6OHB, sends along word from La Paz, Baja saying that they've decided to spend the summer in the Sea of Cortez, possibly leaving the boat at Bahia San Carlos near Guaymas, and traveling to cooler parts of Mexico during the summer months. Leona says that she and OM Carl, K6YEO, really enjoy ham radio while small boat cruising since they are able to enjoy the new friends and aquaintances without ever feeling cut off from those they have left behind. She also says that they are recruiting for the amateur ranks by passing to a fellow yachtsman a complete set of code tapes and two Novice manuals, in return for which he did some underwater hull work for the Wallaces.

Dennis, N6KI, says that the message that Pioneer sent back as it left the solar system was: "CQ DX, no JAs".

Heard a rumor that Stan, W9FQN, keeps several frozen viboras (rattle snakes) to guard his freezer.

Thanks to Marty, K6NS; Bob, WA6KZN; Joe, WB6HMY; and Phil, K6ROR; for their help in folding, spindling, and mutilating the June SCOPE so that we could get it into the hands of the postal inspectors.

Speaking of Bob, WA6KZN, when last heard of he was motoring toward Mammoth Lake in the Sierras. Bob didn't know how he was going to get back since he was driving a car which was to be left there, and, of this writing, he hadn't gotten back and so is overdue and presumed missing. Come back, Bob, all is forgiven.

Folks who have seen W6BLL's garage will understand when I say that Jack has finally broken down and rented space in a warehouse. That's why Jack couldn't get to his Field Day gear - even in the warehouse it's buried!

Latest one to terrorize W6NWG/R on the 450 machine is John, W6SE, who puts a nice signal into the repeater with his HT from the QTH in Encinitas.

Let's not forget that all club memberships expire this month. If you've renewed yours, that's fine. If not, do it now so that you won't miss even one issue of SCOPE. That Would Be Tragic. DO IT!

"That's all", she wrote.

RECEIVED TOO LATE TO CALCIFY: There will be a FOR SALE/WANTED Bulletin Board at the July and subsequent club meetings. If you would like to list items wanted or for sale, type or print the information on a 3" X 5" card, and bring it with a thumb tack to the meeting. de N6GZI

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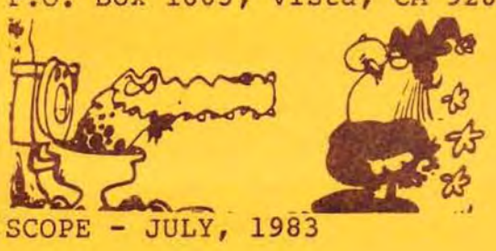

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